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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO. CONFIRMATION NO.		
10/632,708	08/01/2003	Ronny Bar-Gadda	A-75148	3621	
40461	7590 05/18/2007		EXAMINER LANGEL, WAYNE A ART UNIT PAPER NUMBER 1754		
EDWARD S. 1 1100 ALMA S	TREET, SUITE 207				
MENLO PAR	K, CA 94025				
			MAIL DATE	DELIVERY MODE	
		-	05/18/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

		Application No.	Applicant(s)
		10/632,708	BAR-GADDA, RONNY
	Office Action Summary	Examiner	Art Unit
		Wayne Langel	1754
Period f	The MAILING DATE of this communication apports. The mail of Reply	pears on the cover sheet	t with the correspondence address
WHI - Ext afte - If N - Fail Any	HORTENED STATUTORY PERIOD FOR REPL CHEVER IS LONGER, FROM THE MAILING D ensions of time may be available under the provisions of 37 CFR 1.1 or SIX (6) MONTHS from the mailing date of this communication. O period for reply is specified above, the maximum statutory period for the reply within the set or extended period for reply will, by statute or reply received by the Office later than three months after the mailing patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMU 136(a). In no event, however, may will apply and will expire SIX (6) No. e, cause the application to become	NICATION. y a reply be timely filed MONTHS from the mailing date of this communication. e ABANDONED (35 U.S.C. § 133).
Status			
1)[🛛	Responsive to communication(s) filed on 28 h	March 2007.	
	• • • • • • • • • • • • • • • • • • • •	s action is non-final.	
3)	Since this application is in condition for allowa	ince except for formal m	atters, prosecution as to the merits is
	closed in accordance with the practice under the	Ex parte Quayle, 1935 (C.D. 11, 453 O.G. 213.
Disposi	tion of Claims		
4)⊠	Claim(s) 1-61 is/are pending in the application	1.	
	4a) Of the above claim(s) is/are withdra	wn from consideration.	
5)⊠	Claim(s) <u>1-53,57 and 59-61</u> is/are allowed.		
6)⊠	Claim(s) 54-56 and 58 is/are rejected.		
7)	Claim(s) is/are objected to.		
8)	Claim(s) are subject to restriction and/o	or election requirement.	
Applica	tion Papers		
9)[The specification is objected to by the Examine	er.	
10)🛛	The drawing(s) filed on 01 August 2003 is/are:	a) accepted or b) ⊠	objected to by the Examiner.
	Applicant may not request that any objection to the	drawing(s) be held in abe	yance. See 37 CFR 1.85(a).
	Replacement drawing sheet(s) including the correct	tion is required if the draw	ing(s) is objected to. See 37 CFR 1.121(d).
11)	The oath or declaration is objected to by the Ex	xaminer. Note the attacl	ned Office Action or form PTO-152.
riority	under 35 U.S.C. § 119		
12)	Acknowledgment is made of a claim for foreign	n priority under 35 U.S.C	C. § 119(a)-(d) or (f).
a)	•	•
	1. Certified copies of the priority document	ts have been received.	
	2. Certified copies of the priority document	ts have been received in	Application No
	3. Copies of the certified copies of the prio	•	en received in this National Stage
٠.	application from the International Burea	, , , , , , , , , , , , , , , , , , , ,	
*	See the attached detailed Office action for a list	of the certified copies n	ot received.
	•		
Attachme	nt(s)		

1)	ш	Notice	OT	References	Cited	(PI	O-892)	

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) Information Disclosure Statement(s) (PTO/SB/08)

Paper No(s)/Mail Date _____.

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PTOL-326 (Rev. 08-06)

5) Notice of Informal Patent Application

6) Other: ____.

Office Action Summary

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The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 54-56 and 58 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In claim 54, "low ionization potential" renders the scope of the claim vague and indefinite. Applicant's argument, that examples of materials having low ionization potentials are given in the specification, and that one skilled in the art would know that a material having a low ionization potential is one having an ionization potential similar to that of the materials given as examples, is not convincing, since limitation from the specification are not read into the claims. It is indefinite as to whether a seed material having an ionization potential greater than that of alkali metals, alkaline earth metals and mercury, for example, would constitute seed materials having "low ionization potentials". Also in claim 54, there is no antecedent basis for "the seed material" in claim 51. In claim 55, "alkali, alkaline earth metals" is indefinite since it is unclear as to whether "alkali" would modify "metals". In claim 52, there is no antecedent basis for "the seed material" in claim 52. In claim 58 "high surface area" is indefinite since "high" is a relative term.

The Drawings are objected to under 37 CFR 1.84 (o). The legends for Figures 5 and 8A through 10B are disapproved since they are unclear and refer to the claims.

Claims 1-53, 57 and 59-61 are allowed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wayne Langel whose telephone number is 571-272-

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1353. The examiner can normally be reached on Monday through Friday, 8 am - 3:30 pm Eastern Time.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stanley Silverman can be reached on 571-272-1358. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Wa**y**ne Langel Primary Examiner

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